



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We Protect Hoosiers and Our Environment.*

*Mitchell E. Daniels Jr.*  
Governor

*Thomas W. Easterly*  
Commissioner

October 8, 2008

**Northwest Regional Office**  
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VIA CERTIFIED MAIL 7002 0510 0002 7927 7881

Kenneth L. Mentzel  
U. S. Steel, Gary Works  
1 North Broadway  
Gary, IN 46402

RE: Referral to the Office of Enforcement  
U.S. Steel, Gary Works  
Plant ID Number: 089-00121  
Gary, Lake County

Dear Mr. Mentzel:

The First (1st) Quarter 2008 Reports (January 1, 2008 through March 31, 2008) submitted by you on April 25, 2008, identified the following deviations:

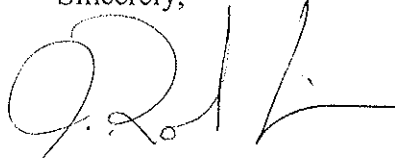
- (1) Permit Condition D.2.18(a)(2): On January 01, 2008 Power Outage
- (2) Permit Condition D.2.18(a)(2): On March 11, 2008 and March 12, 2008 the baghouse was not in operation while No.5 and No.7 Coke Batteries continued pushing operations.
- (3) Permit Condition D.2.4(a) and D.2.5(e): On March 14, 2008 the allowable visible emissions for coke oven door (10%) was exceeded (12.7%) during compliance monitoring on No.5 Coke Battery.
- (4) Permit Condition D.2.4(c)(2): On March 31, 2008 the allowable visible emissions for coke oven pushes (20% opacity) was exceeded (21.0% ) during compliance monitoring on No. 7 Coke Battery.
- (5) Permit Condition D.8.4(b) and D.8.14: On February 15, 2008 the allowable roof monitor visible emissions from No.1 BOF Shop (20% opacity 3 minute average) was exceeded (27.5%) during compliance monitoring.

The Second (2nd) Quarter 2008 Reports (April 1, 2008 through June 30, 2008) submitted by you on July 31, 2008, identified the following deviations:

- (6) Permit Condition D.2.4(a) and D.2.5(e): On May 03, 2008 the allowable visible emissions for coke oven door (10%) was exceeded (12.3%) during compliance monitoring on No.7 Coke Battery.
- (7) Permit Condition D.2.4(a) and D.2.5(e): On June 10, 2008 the allowable visible emissions for coke oven door (10%) was exceeded (10.8%) during compliance monitoring on No.7 Coke Battery.

This matter has been referred to IDEM's Office of Enforcement for appropriate action. If formal action is initiated, you will be issued a notice of violation informing you of how to proceed in resolving this matter. Please direct any response to this letter and any questions to Dave Sampias at 219/757-0291.

Sincerely,

A handwritten signature in black ink, appearing to read "J. Robert Simmons". The signature is stylized with a large, looped "J" and a long, horizontal stroke at the end.

J. Robert Simmons  
Deputy Director  
Northwest Regional Office

JRS/dcs  
ACES No. 94133  
cc: Office of Enforcement  
File

### III. CASE INFORMATION

A.	Date of Inspection(s) or Review(s) Prompting This Referral: 2008 1 <sup>st</sup> and 2nd Quarter Reports	Planned Follow-up Date(s): N/A
B.	Referral is the Result of a Multi-Media Inspection: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
C.	Inspector or Program Contact Person (If different from person making this referral):	
D.	Impacted Area: Ambient Air	
E.	Violation Classification (If applicable) <input type="checkbox"/> R.E.R. <input type="checkbox"/> SNC/HPV <input type="checkbox"/> Complaint <input checked="" type="checkbox"/> Non-Attainment Area	

F.	<b>Specific Violations</b> (Does not need to be completed for Hazardous Waste cases):		
	<u>DATE OF VIOLATION</u>	<u>STATE / FEDERAL – IC, IAC, PERMIT CONDITION VIOLATED</u>	<u>VIOLATION DESCRIPTION</u>
	January 01, 2008	Permit Condition D.2.18(a)(2): Particulate Matter Control	The baghouse shall be in operation at all times, when the No.5 and/or No.7 Coke Batteries pushing process are in operation, to control particulate matter.
	March 11/ 12, 2008	Permit Condition D.2.18(a)(2): Particulate Matter Control	The baghouse shall be in operation at all times, when the No.5 and/or No.7 Coke Batteries pushing process are in operation, to control particulate matter.
	March 14, 2008	Permit Condition D.2.4(a), D.2.5(e): the allowable visible emissions for coke oven door (10%) was exceeded (12.7%) No. 5 Coke Battery.	No visible emissions shall be permitted from more than ten percent (10%) of observed battery doors.
	March 31, 2008	Permit Condition D.2.4(a), D.2.5(e): the allowable visible emissions for coke oven door (10%) was exceeded (21.0%) No.7 Coke Battery.	No visible emissions shall be permitted from more than ten percent (10%) of observed battery doors.
	February 15, 2008	Permit Condition D.8.4(b), D.8.14: the (20%) opacity three (3) minute average opacity limit was exceeded (27.5%) during compliance monitoring of #1 BOP Roof Monitor	Opacity shall not exceed an average of twenty percent (20%) in any three (3) minute averaging period.
	May 03, 2008	Permit Condition D.2.4(a), D.2.5(e): the allowable visible emissions for coke oven door (10%) was exceeded (12.3%) No. 7 Coke Battery.	No visible emissions shall be permitted from more than ten percent (10%) of observed battery doors.
	June 10, 2008	Permit Condition D.2.4(a), D.2.5(e): the allowable visible emissions for coke oven door (10%) was exceeded (10.8%) No. 7 Coke Battery.	No visible emissions shall be permitted from more than ten percent (10%) of observed battery doors.
G.	Describe the events, routine inspections, etc., that led up to or supported the discovery of the violation(s): Method: 303 inspections as well as a review of the 1 <sup>st</sup> and 2 <sup>nd</sup> Quarter Reports and supporting documentation from the facility (self monitoring).		
H.	List the supporting evidence/documentation of the violation(s). Include previous inspection reports, letters sent to and received from the violator, etc. Please include a copy of each item listed with this referral:  1 <sup>st</sup> and 2 <sup>nd</sup> Quarter 2008 Reports and Inspection Reports.		
I.	Please list the violator's and specific site's history of prior violations and other relevant information, including both IDEM's and the		

